

WHAT IS CLAIMED IS

1. A two-stage ejection mechanism of card connector comprising:
 - a frame in which a cam member is formed;
 - a slider which slips along a lateral side of the frame defining a mating portion for engaging with a card;
 - a slider pin which includes a pivoting portion, a following portion and an engaging portion, the pivoting portion engaging pivotally with the slider, the following portion engaging moveably with the cam member and moving back and forth therein, the engaging portion connecting the following portion and the pivoting portion therebetween; and
 - a spring located between the frame and the slider; wherein the slider further defining a spring pin, a free end of the spring pin extending a locking portion to contact and press the engaging portion of the slider pin.
2. The two-stage ejection mechanism of card connector as claimed in Claim 1, wherein the cam member is formed with a cam groove for receiving the following portion of the slider pin and allow it moving back and forth therein.
3. The two-stage ejection mechanism of card connector as claimed in Claim 1, wherein a guiding wall is formed on one lateral side of the frame to extend upwardly, and the slider slips along the guiding wall.
4. The two-stage ejection mechanism of card connector as claimed in Claim 3, wherein the cam member is arranged to adjoin the guide wall on the frame.
5. The two-stage ejection mechanism of card connector as claimed in Claim 3, wherein the slider is further formed with a sliding arm, a sliding blade is bent downwardly and vertically from a bottom end of the sliding arm, and the spring is fixed between the sliding blade and the guiding wall.
6. The two-stage ejection mechanism of card connector as claimed in Claim 5, wherein the guiding wall opens a holding hole therein, and the sliding blade is formed with a sliding aperture thereon correspondingly.

7. The two-stage ejection mechanism of card connector as claimed in Claim 6, further comprising a supporting shaft to pass through the sliding aperture, the spring and the holding hole in which the supporting shaft is held.